

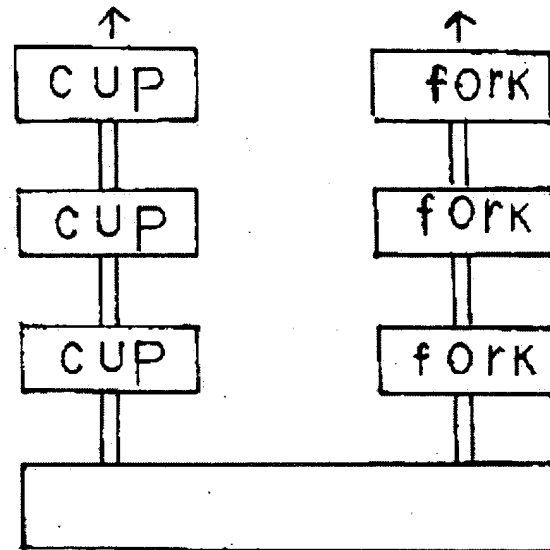
Educational device to teach the severely mentally handicapped

Patent number: US5795163
Publication date: 1998-08-18
Inventor: ALIOTO FRANK J (US)
Applicant:
Classification:
- **international:** G09B1/36; G09B1/16; A63H33/06
- **european:** A63H33/04; G09B1/10; G09B1/36
Application number: US19970960091 19971024
Priority number(s): US19970960091 19971024; US19960657283 19960604

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Abstract of US5795163

A special education device to teach the severely mentally retarded the basic skills of reading comprising four elements; a plurality of blocks, joining mechanisms, a base and a connecting member. Each of the blocks have three special structural characteristics; a symbol or pictorial representation; a means of joining other blocks to form words and sentences only in a horizontal left to right direction; and a means of connecting to the connecting member. All four elements are capable of being united by a student that has severe handicaps in finger dexterity and arm movement. At least the following structures can be formed; sorting in vertical columns; associating the word or sentence formed with a pictorial representation of this word or sentence; words and sentences formed in rows which are parallel to each other and to the flat top surface of the base; formation of words by changing the beginning and ending consonants of a root phonogram.



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BUILDING BLOCKS FOR BABY READING

Patent number: CN2105322U
Publication date: 1992-05-27
Inventor: HAIYAN LU (CN)
Applicant: LU HAIYAN (CN)
Classification:
- **international:** A63H33/04; G09B19/22
- **european:**
Application number: CN19900220638U 19900915
Priority number(s): CN19900220638U 19900915

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Abstract not available for CN2105322U

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L1: Entry 3 of 10

File: DWPI

Aug 28, 1999

DERWENT-ACC-NO: 1999-467490

DERWENT-WEEK: 199939

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TITLE: Educational tool for spelling and reading - comprises alphabet board with receptacles for letter blocks

INVENTOR: RIDDLE, J

PRIORITY-DATA: 1999NZ-0334705 (March 17, 1999)

Search Selected

Search ALL

Clear

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC



NZ 334705 A

August 28, 1999

001

A63F003/00

INT-CL (IPC): A63 F 3/00; G09 B 19/22

ABSTRACTED-PUB-NO: NZ 334705A

BASIC-ABSTRACT:

NOVELTY - An alphabet board (1) adapted to store at least 26 letter blocks (2), each representing a letter. They are then presented in a logical order within letter block receptacles.

USE - Alphabetic education.

DESCRIPTION OF DRAWING(S) - The figure shows a plan view of the blocks inserted in the board.

ABSTRACTED-PUB-NO: NZ 334705A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/1

[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)

READING AID USING COLOURED SHAPED BLOCKS

Patent number: AU6741487
Publication date: 1987-07-09
Inventor: MAHER MARY PATRICIA
Applicant: MAHER M P
Classification:
- international: G09B1/06
- european:
Application number: AU19870067414D 19860106
Priority number(s): AU19870067414 19860106

Report a data error here

Abstract not available for AU6741487

Data supplied from the **esp@cenet** database - Worldwide

ASRC Searcher: Jeanne Horrigan
Serial 10/724965
June 6, 2005

1

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200535

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File 347:JAPIO Nov 1976-2005/Jan(Updated 050506)

(c) 2005 JPO & JAPIO

Set	Items	Description
S1	180452	BLOCKS
S2	3860488	CONNECT? OR INTERLOCK? OR INTERCONNECT? OR INTERLINK? OR I- NTERJOIN?
S3	2136213	JOIN???? OR ATTACH? OR FASTEN? OR ADJOIN?
S4	53293	UNIVERSAL??
S5	509	MANIPULATIVE? ?
S6	201054	LETTER? ? OR WORD OR WORDS OR PHRASE OR PHRASES OR INDICIA OR INDICIUM
S7	5396	RIME OR RIMES OR NOUN? ? OR PRONOUN? ? OR VERB? ? OR ADJEC- TIVE? ? OR ADVERB? ? OR PREPOSITION? ? OR PREFIX?? OR SUFFIX??
S8	1800897	NUMBER? ? OR PICTURE OR PICTURES
S9	6854795	FACE OR FACES OR FACED OR SIDE OR SIDES OR SIDED OR SURFACE OR SURFACES
S10	624425	COLOR?? OR COLOUR??
S11	64925	IC=G09B?
S12	217	S1 AND S2:S4 AND S6:S8 AND S10
S13	5	S11 AND S12
S14	16301	S4(1W) (S1 OR S5) OR S2:S3(3N) (S1 OR S5)
S15	11	S6:S8(S)S9 AND S10 AND S14
S16	10	S15 NOT S13 [not relevant]
S17	0	S16 AND S11
S18	135	S12/TI
S19	49	S1/TI AND S12
S20	43	S19 NOT (S13 OR S15)
S21	10318	(S2/TI OR S3/TI OR S4/TI OR S6/TI OR S7/TI OR S8/TI OR S10- /TI) AND S1/TI
S22	117	S11 AND S21
S23	39	S12 AND S21
S24	39	S18 AND S21
S25	33	S24 NOT (S13 OR S15)
S26	317	S1/TI AND S11
S27	0	S12 AND S317
S28	37	S1 AND S6:S8 AND S10 AND S11
S29	32	S28 NOT (S13 OR S15 OR S25)
S30	18	S1/TI AND S29
S31	14	S29 NOT S30
S32	224	(S1 OR S5) AND S2:S4 AND S5:S8 AND S10
S33	1	(S32 AND S11) NOT (S13 OR S15 OR S25 OR S28)

13/5/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014133850 **Image available**

WPI Acc No: 2001-618061/200172

XRPX Acc No: N01-460981

Model set for vehicle number plates of various sizes.

Patent Assignee: MICHEL W (MICH-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 20106772	U1	20010906	DE 2001U2006772	U	20010419	200172 B

Priority Applications (No Type Date): DE 2001U2006772 U 20010419

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

DE 20106772 U1 B60R-013/10

Abstract (Basic): DE 20106772 U1

NOVELTY - This model set for making vehicle **number** plates of various sizes comprises a foldable base plate (1) made in a light material pressed with all normal European sizes of **number** plate (2). Guide bars (3) are provided, on which **letter blocks** (5/6/7) slide. The **letter blocks** (5/6/7) are colour coded to show the **letter** size and are stored in a magazine (4) **connected** to the base plate (1)

USE - Producing vehicle **number** plates

ADVANTAGE - Correct **number** plate and **letter / number** sizes can easily be chosen and new operators can easily be taught to produce the plates

DESCRIPTION OF DRAWING(S) - Shows a **number** plate model set in accordance with the invention.

Base Plate (1)

Number Plates (2)

Guide Bars (3)

Letter Block Magazine (4)

Letter Blocks (5/6/7)

pp; 0 DwgNo 1/5

Title Terms: MODEL; SET; VEHICLE; **NUMBER** ; PLATE; VARIOUS; SIZE

Derwent Class: P85; Q17

International Patent Class (Main): B60R-013/10

International Patent Class (Additional): G09B-025/00 ; G09F-007/08

File Segment: EngPI

13/7/4

DIALOG(R) File 350:Derwent WPIX

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004768173

WPI Acc No: 1986-271514/198641

Educational language model system - has interengageable generic elements, each representing word or group of words

Patent Assignee: MCCLOSKEY E A (MCCL-I)

Inventor: MCCLOSKEY E A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4613309	A	19860923	US 85777730	A	19850919	198641 B

Priority Applications (No Type Date): US 85777730 A 19850919

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 4613309 A 22

Abstract (Basic): US 4613309 A

Thirty individual elements of speech are identified and grouped into ten distinct sets which are embodied in physical models. Each model represents a word or group of words, referred to as elements, which form the logical building blocks of the language. Certain elements are hybrid elements in that they reflect the unique properties and derivations of verbals, phrases and clauses.

The models interengage with one another without fully interlocking, in order to designate, simultaneously, each element's part of speech

and part of sentence within the sentence. Each model is generic in that it does not impose case or agreement of person and number or predetermined word choices on the word or group of words it designates. Symbols are used to designate the function of each element, colour is used to designate the element's set, and shape is used to designate sentence part and part of speech. The user interengages each element with other elements to form a phrase, clause, or sentence as an alternative to conventional sentence diagramming. (22pp Dwg.No.57/57)

Derwent Class: P85

International Patent Class (Additional): G09B-001/34

13/7/5

DIALOG(R) File 350:Derwent WPIX

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001512209

WPI Acc No: 1976-H5139X/197634

Educational or amusement device - consists of number of blocks which can be arranged in various formations

Patent Assignee: HOGGAN A R (HOGG-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 1446882	A	19760818				197634 B

Priority Applications (No Type Date): GB 7314115 A 19730323

Abstract (Basic): GB 1446882 A

The blocks are of e.g. cubic shape with at least fifteen in a set which may be arranged in rows and columns to convey information about three-dimensional shapes and/or spatial geometry when used for educational purposes, etc. A set of the blocks may e.g. consist of eighteen blocks forming in plan view an arrangement of six rows by three columns with the blocks of the rows, or columns, being of different colours and connected at their 'rear' surfaces by hinge-like couplings formed by strips of adhesive tape. The system permits the arrangements indicated in the figure to be formed etc.

Derwent Class: P85

International Patent Class (Additional): G09B-023/04

25/26, TI/20 (Item 20 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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010284024

WPI Acc No: 1995-185283/199524

Emergency action plan display in action like Exxon Valdez spill in Alaska - has alternate team member block of rectangular shape that is positioned on display adjacent to one of number of team member blocks

25/7/21 (Item 21 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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009940697 **Image available**

WPI Acc No: 1994-208409/199425

Mobius strip puzzle - is made of multiple columns and rows of blocks , each having opposing display surfaces and opposing connecting surfaces

which are orthogonal to display surfaces

Patent Assignee: GREESON E E (GREE-I)

Inventor: GREESON E E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5324037	A	19940628	US 9380306	A	19930624	199425 B

Priority Applications (No Type Date): US 9380306 A 19930624

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5324037	A	6	A63F-009/08	

Abstract (Basic): US 5324037 A

The puzzle comprises a first band of N block members adapted for twisting into a mobius strip, wherein N is a whole number greater than or equal to 1. Each block member has at least two surfaces parallel to an axis extending through a center of the block member adapted for displaying a colour, an alphabet, a number or a symbol. Each block member has at least **two opposing sides having mating members for connecting the side of one block member to the side of another block member** so that the surface of one block member is co-planar with the surface of a connected block member. There is at least one second band of the block members, having kN block members, wherein k is the fraction 1/2 or the whole number 1, and wherein when k is 1/2, N is an even number.

The puzzle may be solved by connecting the block members of the first band to the block members of the second band to create a mobius strip displaying a pre-determined pattern of colours, alphabets, numbers or symbols.

Dwg.1/6

Derwent Class: P36

International Patent Class (Main): A63F-009/08

25/7/22 (Item 22 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009870084 **Image available**

WPI Acc No: 1994-149980/199418

Device to aid in learning to play cords on harmonica - has flexible sheets containing members and corresponding parallel lines that are aligned with holes to harmonica and top portion containing rows or colour -coded blocks

Patent Assignee: SHELTON E M (SHEL-I)

Inventor: SHELTON E M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5309812	A	19940510	US 92881224	A	19920511	199418 B

Priority Applications (No Type Date): US 92881224 A 19920511

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5309812	A	7	G10G-001/00	

Abstract (Basic): US 5309812 A

An elongated flexible sheet has a member for attaching its bottom edge to a top surface. A first display of numerals is proximate to the bottom edge of the elongated flexible sheet corresponding to and spaced

in relation to the holes of the harmonica. A second display of identical numerals is in vertical alignment with the first display of numerals. Lines are displayed on the elongated flexible sheet respectively corresponding in number of the first and second display of numerals. A first row of **blocks** is displayed on the elongated flexible sheet adjacent the second display of numerals.

First breath indicia denotes whether a player is to blow or draw air displayed on the elongated flexible sheet adjacent the first row of blocks. A second row of blocks is displayed on the elongated flexible sheet adjacent the first row of blocks, extending transversely to encompass a series of the lines which correspond to holes of the harmonica which form a chord. A third row of **blocks** is displayed on the elongated flexible sheet adjacent the second row of **blocks**. A second breath indicia denotes whether a player is to blow or draw air displayed on the elongated flexible sheet adjacent said third row of blocks. A fourth row of blocks is displayed on the elongated flexible sheet adjacent the third row of blocks.

ADVANTAGE - Makes playing easier and recognising of tune.

Dwg.1/3

Derwent Class: P86

International Patent Class (Main): G10G-001/00

25/7/23 (Item 23 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009710250 **Image available**

WPI Acc No: 1993-403803/199350

System of interlocking solid blocks - involves using blocks having identical X-Y plane cross sectional shape with protrusion in one side and cavity in other side for interconnecting

Patent Assignee: SIMMONS F J (SIMM-I)

Inventor: SIMMONS F J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5267863	A	19931207	US 92955410	A	19921002	199350 B

Priority Applications (No Type Date): US 92955410 A 19921002

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5267863	A		11	A63H-033/08	

US 5267863 A

Abstract (Basic): US 5267863 A

The pixel blocks have a square cross-section and may be made in cubes or in beams of various length. The four sides of the square cross-section are made identical, each side defining a tongue alongside a groove in a symmetrical complementary configuration such that adjacent blocks can be slidably interlocked together to form one- and two-dimensional arrays.

Therefore cubes, or blocks of uniform length, can form two-dimensional artifacts and blocks of various lengths can form three-dimensional artifacts. By utilising the blocks in a variety of visual properties such as such as colour and light transmission, quantities of the blocks and/or beams may be interlocked together to form pictures, graphics patterns.

USE - For forming an artifact structural as a two-dimensional array of blocks interlocked together.

Dwg.1/11
Derwent Class: P36
International Patent Class (Main): A63H-033/08

30/7/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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016066824 **Image available**

WPI Acc No: 2004-224675/200421

Dietary planning apparatus has mini- blocks identifying nutrient of food and that can be combined to form block to visually display balanced program of selected macronutrients

Patent Assignee: BATEMAN C (BATE-I); BATEMAN K (BATE-I); BATEMAN C E (BATE-I); BATEMAN K J (BATE-I)

Inventor: BATEMAN K J

Number of Countries: 003 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040023189	A1	20040205	US 2003628512	A	20030729	200421 B
CA 2436172	A1	20040130	CA 2436172	A	20030729	200421
AU 2003227279	A1	20040219	AU 2003227279	A	20030728	200445

Priority Applications (No Type Date): NZ 524351 A 20030224; NZ 520444 A 20020730

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040023189	A1		8 G09B-009/00	
CA 2436172	A1 E		G09B-019/00	
AU 2003227279	A1		G09B-001/34	

Abstract (Basic): US 20040023189 A1

NOVELTY - Each **colored** mini-block identifies a particular food e.g. chicken (8) which includes the nutrient signified by the mini-block which is either physical entity or a computer graphic. Each mini-block also represents a specific parameter e.g. **number** or size of the food containing the nutrient. The mini- **blocks** can be combined to form a block to visually display a balanced program of the selected macronutrients.

DETAILED DESCRIPTION - The first claim also claims the diet planning method.

USE - Used for dietary planning.

ADVANTAGE - The apparatus enables user to readily calculate a nutritional program by identifying the macro nutritional components of food and assembling those components to form a basis for a meal. The apparatus allows the user to simply and easily display selected macro nutritional components of foods into a geometrical form.

DESCRIPTION OF DRAWING(S) - The drawing shows a view of a partially constructed three block meal on a template.

Kiwi fruit (1)

Yoghurt (2)

Tick (3)

Almonds (6)

Chicken (8)

pp; 8 DwgNo 9/9

Derwent Class: P36; P85; S05; T01

International Patent Class (Main): G09B-001/34 ; G09B-009/00 ; G09B-019/00

International Patent Class (Additional): A63H-033/04; G09B-029/00

30/7/2 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014009262 **Image available**

WPI Acc No: 2001-493476/200154

Learning assistance sheet for Japanese language translation, has lexicon blocks which are divided corresponding to each syntax component of foreign language using identifier

Patent Assignee: OKUBO T (OKUB-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001183971	A	20010706	JP 2000315941	A	20001016	200154 B

Priority Applications (No Type Date): JP 99293048 A 19991014

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001183971	A	32	G09B-019/06	

Abstract (Basic): JP 2001183971 A

NOVELTY - Japanese syntax components are distributed on the sheet corresponding to **word** order and **word** array in the foreign language. Lexicon **blocks** are provided for each lexicon of foreign language, to input the Japanese data. The **blocks** are divided for each syntax component of foreign language using identifier.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Foreign language learning assistance appliance;
- (b) Foreign language learning assistance device;
- (c) Recording medium storing foreign language learning assistance program

USE - For assisting in foreign language learning, Japanese language translation.

ADVANTAGE - Eases recognition of foreign language rules relevant to original language, due to simplified **color** classification of lexicon **blocks**.

DESCRIPTION OF DRAWING(S) - The figure shows the explanatory view of **color** classification English-Japanese sheet. (Drawing includes non-English language text).

pp; 32 DwgNo 9/23

Derwent Class: P76; P85; T01

International Patent Class (Main): G09B-019/06

International Patent Class (Additional): B42D-015/00; G06F-017/28;

G06F-017/60; G09B-005/06

30/7/3 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012686394 **Image available**

WPI Acc No: 1999-492501/199941

Speech development or training device comprising blocks provided with letters and colour patterns related to these letters - comprises articulation profile showing cross section of voice system and sound emitting blocks with letters linked to colours corresponding to

those in different parts of the system

Patent Assignee: BRAUN E (BRAU-I)

Inventor: BRAUN E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SE 9800026	A	19990710	SE 9826	A	19980109	199941 B

Priority Applications (No Type Date): SE 9826 A 19980109

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
SE 9800026	A	11	G09B-001/00	

Abstract (Basic): SE 9800026 A

NOVELTY - An articulation profile is also provided, showing a cross-section of the voice system (E) from the throat, velum and mouth to the lips. Included in this cross-section are indicated regions where the spoken language comes into being, these regions having **colour** markings corresponding to those on the **blocks** so that the **letters** on the **blocks** are linked by the **colours** to the region of the voice system where they are created. A sensor in the block detects when the block is touched and then activates a device emitting the sound of the **letter** on the block.

USE - Children with retarded speech development can have their speech, as well as their reading and writing skills, improved using this device.

ADVANTAGE - The combination of tactile, visual and oral stimulation provides the child with a captivating learning process. DESCRIPTION OF DRAWING(S) - Figure 1 shows an articulation profile for consonants. (D) Pattern symbols for **colours**; (E) Voice system.

Dwg.1a/5

Derwent Class: P85; S05; W04

International Patent Class (Main): G09B-001/00

International Patent Class (Additional): G09B-005/04 ; G09B-017/00

30/7/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011293194 **Image available**

WPI Acc No: 1997-271099/199724

Education system for teaching children shapes, colours, numbers, letters, etc. - has number of sets of blocks each in colour corresponding to one of colours of sections, in corresponding number to number of sections, each set being in shapes corresponding to shapes of outlines

Patent Assignee: ADKISON J F (ADKI-I)

Inventor: ADKISON J F

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5626477	A	19970506	US 95535470	A	19950928	199724 B

Priority Applications (No Type Date): US 95535470 A 19950928

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5626477	A	9	A63F-003/00	

Abstract (Basic): US 5626477 A

The education system comprises a playing board divided into a

number of identically detailed and different **coloured** sections with a **number** of unique shape outlines located in each of the different **coloured** sections. A **number** of sets of **blocks** are each in a **colour** corresponding to one of the **colours** of the sections, in corresponding **number** to the **number** of the sections, each of the set of **blocks** being in shapes corresponding to the shapes of the outlines.

A **colour** selection device comprises a spinner or a die. The playing board is divided into a **number** of identically detailed and different **coloured** sections with a **number** of identically shaped outlines located in each quadrant with each of the identically shaped outlines having a unique positive integer.

A **number** of sets of **blocks** are in a **colour** corresponding to one of the **colours** of the sections.

USE - Teaches pre-school children basic skills in game environment.

Dwg.1/7

Derwent Class: P36; P85

International Patent Class (Main): A63F-003/00

International Patent Class (Additional): G09B-001/06

30/7/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010804706 **Image available**

WPI Acc No: 1996-301659/199631

Teaching blocks on binomial basis - form dimensionally specified prisms whose respective dimensions can be interrelated by pupils for in-class completion and learning of skills

Patent Assignee: SCHAEFER R (SCHA-I)

Inventor: SCHAEFER R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19523252	A1	19960627	DE 1023252	A	19950627	199631 B

Priority Applications (No Type Date): DE 94U12994 U 19940814; DE 94U11208 U 19940713

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 19523252	A1	10	G09B-019/02	

Abstract (Basic): DE 19523252 A

The prisms can be described by (a3-u) and (b3-v). (a = m.L) and (b = n.L), taking (n) and (m) as whole **numbers** in excess of U and (u + v) = 3 where (u) is greater than (I) and less than (v). Each of the three edge dimensions of the prism amount to (k)-times a whole **number** multiple of a, taking k as between 0 and k and m and n factors having the value (1). Thus when (m) or (n) equal (1), the second edge dimension becomes 2.L.

The prisms are the product of the relationship (a + b)3 such that the maximum edge length remains below (4L). Where (m + n = 7) the members (a2), (3.a2b), (3.ab2) and (b3) obtain for edge lengths (a = 1.L-b = 6.L0), (a = 2.L-b = 5.L) and (a = 3.L-b = 4.L). The single parts of each combination can be built into a cube of edge length 7.L.

USE/ADVANTAGE - Teaching aids, eg. mathematics classes.

Binomially-based construction gives scaled dimensional prisms with **colour** and notch markings for assisted handling and compilation by pupils.

Dwg. 7/10
Derwent Class: P85
International Patent Class (Main): G09B-019/02
International Patent Class (Additional): G09B-023/02

30/7/9 (Item 9 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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009038915 **Image available**
WPI Acc No: 1992-166276/199220
Supplementary teaching instrument - has rectangular blocks of prescribed shaped which occupy predetermined area and corresponding area
Patent Assignee: KUO C H (KUOC-I); KUO C (KUOC-I)
Inventor: KUO C HIUNG K; KUO C H
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5108291	A	19920428	US 90578955	A	19900907	199220 B
FR 2688916	A3	19930924	FR 923242	A	19920318	199347 N

Priority Applications (No Type Date): US 90578955 A 19900907; FR 923242 A 19920318
Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5108291	A	17		
FR 2688916	A3		G09B-023/02	

Abstract (Basic): US 5108291 A

A supplementary teaching instrument based on mathematical basic theories and principles as well as child psychology employs a **number** of rectangular **blocks** of a prescribed shape which occupy a predetermined area when assembled together, and a corresponding area of triangular shaped **blocks** of various sizes and shapes.

In addition to creating artistic designs by different arrangements of the **blocks** which may be of different **colours**, the rectangular **blocks** can be used in the fashion of a domino game, and the dimensional relationship between the triangular **blocks** and the rectangular **blocks** teach the basic concepts of mathematics including addition, subtraction, multiplication, fractions, areas, and the like.

USE/ADVANTAGE - Is intended to be accommodated within the mathematics curriculum for children and to effectively cultivate the interest of children to study.

Dwg. 1/18
Derwent Class: P85
International Patent Class (Main): G09B-023/02
International Patent Class (Additional): A63F-009/20; G09B-001/02 ;
G09B-019/02

30/7/11 (Item 11 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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007238505
WPI Acc No: 1987-235513/198734
Reading aid using coloured shaped blocks - has words inscribed on blocks, with colour and shape aiding memory
Patent Assignee: MAHER M P (MAHE-I)

Inventor: MAHER M P
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
AU 8767414 A 19870709 AU 8767414 A 19870106 198734 B
Priority Applications (No Type Date): AU 864088 A 19860106; AU 8767414 A
19870106
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
AU 8767414 A 6
Abstract (Basic): AU 8767414 A

A plastics rectangular board (48 x 48 cms) is indented with 12 rows of squares (3 x 3 cms) 200 **coloured** geometric plastics shapes are provided, on which are inscribed ' **words** '. A tape recording can be used which instructs in the use of mnemonics. The **colour** and the shape of the plastics pieces are to assist the child to recognise and remember the ' **words** '.

The **colour** and shape of the plastics pieces will also be utilised to impart a knowledge of the grammatical structure of the language. **Nouns** and **pronouns** will be circular in shape but will be differentiated by **colour** .

0/1

Derwent Class: P85
International Patent Class (Additional): G09B-001/06

30/7/12 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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007052208
WPI Acc No: 1987-052205/198708

Picture and word game - has blocks fitted on support and colour coded to correspond to indicia on cards

Patent Assignee: WALKER M R (WALK-I)
Inventor: WALKER M R
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No Kind Date Applicat No Kind Date Week
GB 2179194 A 19870225 GB 8515728 A 19850621 198708 B
GB 2179194 B 19890920 198938

Priority Applications (No Type Date): GB 8515728 A 19850621

Abstract (Basic): GB 2179194 A

Picture and **word** cards (123) are mounted on the two top steps (121) of a support (120). Differently **coloured** **blocks** (124) are placed on the same steps (121) in front of the cards (123). Each block represents a syllable of the **word** displayed or illustrated on the respective card. The **blocks** are **colour** -coded, each **colour** representing a different musical note. A set of chime bars (127) are similarly **colour** -coded. A song may be played by striking the chime bars (127), in a sequence denoted by the **colour** sequence of the **blocks** , the **words** of the song corresponding to the **words** displayed or illustrated on the cards.

The apparatus may link with other games as part of an overall learning sequence.

USE - For children with learning difficulties.

19/45

Abstract (Equivalent): GB 2179194 B

Picture and **word** cards (123) are mounted on the two top steps (121) of a support (120). Differently **coloured blocks** (124) are placed on the same steps (121) in front of the cards (123). Each block represents a syllable of the **word** displayed or illustrated on the respective card. The **blocks** are **colour** -coded, each **colour** representing a different musical note. A set of chime bars (127) are similarly **colour** -coded. A song may be played by striking the chime bars (127), in a sequence donated by the **colour** sequence of the **blocks**, the **words** of the song corresponding to the **words** displayed or illustrated on the cards.

The apparatus may link with other games as part of an overall learning sequence.

USE - For children with learning difficulties. (40pp Dwg.No.19/45
Derwent Class: P36; P62; P85
International Patent Class (Additional): A63F-001/02; B26B-027/00;
B26F-001/18; B26K-001/18; G09B-015/02 ; G09B-017/00 ; G09B-019/00

30/7/13 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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003622999

WPI Acc No: 1983-H1201K/198321

Arithmetic instructional aid - comprises integer number representing blocks, coloured to represent prime or composite number

Patent Assignee: PREUS A M (PREU-I)

Inventor: PREUS A M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4382794	A	19830510				198321 B

Priority Applications (No Type Date): US 81232121 A 19810206

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4382794	A		9		

Abstract (Basic): US 4382794 A

The instructional aid comprises objects for teaching and understanding basic concepts of **number**, addition, subtraction, multiplication and division. Each of the objects corresponds to some integer **number** between one and ten and has a thickness representing the **number** to which it corresponds. Each object has a surface having a **colour** or combination of **colours** representing the prime **number** or composite **number** to which it corresponds.

The surface having the **colour** or combination of **colours** has the shape of the Arabic numeral representing the **number** to which the object corresponds. Alternatively, this surface has the shape of a symmetrical figure with a **number** of sides equal to the value of the **number** to which the object corresponds. As a further alternative, this surface consists of a linear composite of unit surfaces, the **number** of such unit surfaces being equal to the value of the **number** to which the object corresponds.

1k/6

Derwent Class: P85

International Patent Class (Additional): G09B-023/02

30/7/15 (Item 15 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.
002301650
WPI Acc No: 1980-A8082C/198004
**Mathematics teaching aid kit - includes small cubic blocks , square
slabs and bars, each lot of colour different to that of others**
Patent Assignee: WENTWORTH R A L (WENT-I)
Inventor: WENTWORTH R A L
Number of Countries: 001 Number of Patents: 002
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
GB 2025678 A 19800123 198004 B
GB 2025678 B 19830119 198303
Priority Applications (No Type Date): GB 7923210 A 19790704; GB 7828983 A
19780706
Abstract (Basic): GB 2025678 A
The kit comprises rectanguloid elements of different shapes and
sizes and having size-related **colour** characteristics. The constituent
elements include a multiplicity of small same **colour** cubic **blocks**
(2), a group of square slabs (3', 3", 3'') of a **colour** different from
that of the small cubic **blocks** , and a group of bars (4', 4", 4'')
whose **colour** differs from the **colours** of the cubic **blocks** and
slabs.
Each slab has a thickness equal to the edge length of one of the
blocks and a side length which is a whole **number** multiple of that
edge length. Each bar having a width and thickness equal to the edge
length of one of said **blocks** and a length equal to the side length of
one of the slabs. The kit can additionally include a large cubic block
(1) of edge length also equal to the side length of one of the slabs.
Derwent Class: P85
International Patent Class (Additional): G09B-019/02

30/7/18 (Item 1 from file: 347)
DIALOG(R) File 347:JAPIO
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06419893 **Image available**
BUILDING **BLOCKS** TOY
PUB. NO.: 2000-005452 [JP 2000005452 A]
PUBLISHED: January 11, 2000 (20000111)
INVENTOR(s): MORI YUZO
APPLICANT(s): MORI YUZO
APPL. NO.: 10-180677 [JP 98180677]
FILED: June 26, 1998 (19980626)
ABSTRACT
PROBLEM TO BE SOLVED: To learn the proper arrangement through the
accommodation of building **blocks** by comprising a **number** of building
blocks to be closely accommodated in a building **blocks** housing box, and
forming the building **blocks** by plural kinds of rectangular parallelopiped
obtained by providing each building block with a thickness (lateral width
of plane) of integral times of a reference thickness, and the common
vertical width and height of the plane.
SOLUTION: A piece of building **blocks** P1-P10 comprises the combination of
13 pieces as P1 of a thickness (lateral width of plane) of one time of a

Serial 10/724965

June 6, 2005

reference thickness (for example, 1 cm), 5 pieces as P2 of a thickness of two times, 5 pieces as P3 of a thickness of three times, three pieces as P4 of a thickness of four times, 2 pieces as P5 of a thickness of five times, and each one as P6-P10 of the thicknesses of six to ten times, as the minimum unit. Each unit is formed so that it can be closely accommodated in a housing box B. The building blocks P1-P10 have preferably different colors from one another by each thickness (lateral width of plane). Further, the multiples 1-10 to the reference thickness are indicated on each of building blocks P1-P10 so that they can be seen in a state that the building blocks are accommodated in the housing box B.

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31/7/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015886759

WPI Acc No: 2004-044594/200405

Series teaching aid for language and literature permutation and combination method

Patent Assignee: LU X (LUXX-I)

Inventor: LU X

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1450506	A	20031022	CN 2002106076	A	20020409	200405 B

Priority Applications (No Type Date): CN 2002106076 A 20020409

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CN 1450506	A		G09B-019/08	

Abstract (Basic): CN 1450506 A

NOVELTY - The invention is series teaching aid for Chinese combined arranging method, it includes alphabetic practicing card, English letter picture pronouncing card, Chinese combined arranging method blocks, there is alphabetic method on the practicing card, and also has phonetic notation, alphabetic blocks, makes user to know each pronouncing combination; the picture pronouncing card displays the pronouncing method of single English letter there is correspondent letter combined blocks, different pronouncing card blocks can be combined oppositely displays the pronunciation of the letter quickly, so the user can pronounce with memorizing the letter; the combined arranging block which has color and the sign, it can differentiate the position of letter and combine with correspondent letter, there is big letter as note or meaning note, and has the note of the letter.

DwgNo 0/0

Derwent Class: P85

International Patent Class (Main): G09B-019/08

31/7/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015513679 **Image available**

WPI Acc No: 2003-575826/200354

A kind of teaching aids for language combination permutation method -

using phonetic transcription of Chinese word system to display English word system to enable startup learners familiar with phonetic transcription to accept ch

Patent Assignee: LU S (LUSS-I)

Inventor: LU S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
TW 512291	A	20021201	TW 2002102321	A	20020208	200354 B

Priority Applications (No Type Date): TW 2002102321 A 20020208

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
TW 512291	A		G09B-001/16	

Abstract (Basic): TW 512291 A

NOVELTY - Provided is a kind of teaching aids for language combination permutation method including the practice card of phonetic transcription symbol spelling, pronunciation card for looking at **pictures** to spell English characters and language combination permutation rule block. The practice card of spelling displays various spelling methods with phonetic transcription symbol and has phonetic transcription and spelling **blocks** for making phonetic transcription and spelling **blocks** in these two practice cards correspond to each other to enable users to understand various pronunciation combination. The voice card for looking at **pictures** displays various methods with single English character. There sets block with related character combination to make corresponding combination of different pronunciation card block promptly display how to pronounce the character after combining to have function for directly pronounce without memorizing characters. The language combination permutation rule block can be decorated **color** and linked mark for distinguishing front and rear location during combining and suitable character accepting or not. There sets bigger character as pronunciation symbol or definition symbol on the block and pronunciation symbol including phonetic transcription and spelling symbol of pronunciation of the character. Therefore, it is able to know combination and permutation rules by single and multiple characters. It is not only to pronounce but to spell character definition after learning English pronunciation symbols.

DwgNo 1/1

Derwent Class: P85

International Patent Class (Main): G09B-001/16

International Patent Class (Additional): G09B-019/06

31/7/9 (Item 9 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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001276183

WPI Acc No: 1975-G0092W/197523

Aid for teaching nutritional values of various foods to children - has cube for each vitamin, showing pictures of foods

Patent Assignee: NOAKES J R (NOAK-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 1396735	A	19750604				197523 B

Priority Applications (No Type Date): GB 7236035 A 19720802
Abstract (Basic): GB 1396735 A

The aid consists of a **number** of **blocks**, preferably cubes, each representing a vitamin or a mineral, with **pictures** on the different faces of each block to illustrate a food containing the particular vitamin etc. There may e.g. be six **blocks** representing vitamins A, B, C, D together with the minerals iron and calcium. Each block is painted with a ground **colour** chosen to represent a vitamin etc., with the illustrations depicting the foods in which the particular vitamin is found, together with a "key" indicating the function of the vitamin or mineral in the human body.

Derwent Class: P85

International Patent Class (Additional): **G09B-019/00**

31/7/10 (Item 1 from file: 347)

DIALOG(R) File 347:JAPIO

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06358447 **Image available**

EDUCATIONAL TOY

PUB. NO.: 11-300056 [JP 11300056 A]
PUBLISHED: November 02, 1999 (19991102)
INVENTOR(s): MARICK SUSAN
APPLICANT(s): MARICK SUSAN
APPL. NO.: 10-112761 [JP 98112761]
FILED: April 08, 1998 (19980408)

ABSTRACT

PROBLEM TO BE SOLVED: To provide an educational toy wherein three-dimensional **blocks** of relatively simple configuration and of limited kinds are used and the **blocks** can be identified by their **colors** or **patterns** so that **each of the blocks has a character**, and a little child can create a molding or story using such **blocks** or these **blocks** are formed into a planar form to provide a stamp or **picture**, which are used to provide a story book, thereby exhibiting educational effects.

SOLUTION: There are provided a plurality of three-dimensional **blocks 1-8** having different shapes, wherein a **picture 9, pattern, character, symbol etc.,** are formed at proper locations on the surfaces of each block to form a character block body 10. By combining the character block bodies 10 together, a molding, story etc., can be developed. The three-dimensional **blocks** are of cylindrical column, ellipsoidal column, triangular prism, rhombic prism, hexagonal prism, trapezoidal prism, quadratic prism, or silk-hat type.

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33/7/1 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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001720155

WPI Acc No: 1977-F6646Y/197727

Manipulative chromosome teaching model - utilises set of lengths of rope representing chromosome segments

Patent Assignee: BRANDT E E (BRAN-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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US 4031635 A 19770628

197727 B

Priority Applications (No Type Date): US 76716279 A 19760820; US 75568024 A
19750414

Abstract (Basic): US 4031635 A

The teaching aid is in the form of **manipulative** chromosomal models. Each chromosomal model contains at least two subunits, each subunit being provided with separable **connectors** at each end in the form of hook and loop type **fasteners**.

A pair of chromosomal models of contrasting **colour** permits the study of the behaviour of the orientations and movements of chromosomal material during the cell reproduction processes of mitosis and meiosis. Simulated centromeres are provided for the further illustration of these biological processes.

Derwent Class: P85

International Patent Class (Additional): **G09B-023/36**

File 1:ERIC 1966-2004/Jul 21
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File 437:Education Abstracts 1983-2005/May
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File 35:Dissertation Abs Online 1861-2005/May
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File 11:PsycINFO(R) 1887-2005/May W5
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File 121:Brit.Education Index 1976-2004/Q3
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File 7:Social SciSearch(R) 1972-2005/May W5
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 (c) 2005 The HW Wilson Co

File 111:TGG Natl.Newspaper Index(SM) 1979-2005/Jun 02
 (c) 2005 The Gale Group

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 The Gale Group

File 474:New York Times Abs 1969-2005/Jun 03
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File 475:Wall Street Journal Abs 1973-2005/Jun 03
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File 99:Wilson Appl. Sci & Tech Abs 1983-2005/May
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File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 1998 Inst for Sci Info

Set	Items	Description
S1	189304	BLOCKS
S2	1298943	CONNECT? OR INTERLOCK? OR INTERCONNECT? OR INTERLINK? OR I- NTERJOIN?
S3	1727546	JOIN???? OR ATTACH? OR FASTEN? OR ADJOIN?
S4	838485	LETTER? ? OR WORD OR WORDS OR PHRASE OR PHRASES OR INDICIA OR INDICIUM
S5	78996	RIME OR RIMES OR NOUN? ? OR PRONOUN? ? OR VERB? ? OR ADJEC- TIVE? ? OR ADVERB? ? OR PREPOSITION? ? OR PREFIX?? OR SUFFIX??
S6	3963738	NUMBER? ? OR PICTURE OR PICTURES
S7	5190423	FACE OR FACES OR FACED OR SIDE OR SIDES OR SIDED OR SURFACE OR SURFACES
S8	560538	COLOR?? OR COLOUR??
S9	2065	S1(2N)S2:S3
S10	338903	S4:S6(S)S7
S11	2	S9 AND S10 AND S8
S12	2	RD (unique items) [not relevant]
S13	3	S9 AND S4:S6 AND S8

S14	1	S13 NOT S11
S15	159	S1 AND S2:S3 AND S4:S6 AND S8
S16	156	S15 NOT S11:S14
S17	94	S16/2001:2005
S18	62	S16 NOT S17
S19	57	RD (unique items)
S20	57	Sort S19/ALL/PY,A
S21	75	UNIVERSAL??(1W)S1
S22	0	S21 AND S8
S23	19	S4:S6(S)S21
S24	19	S23 NOT S11:S15
S25	10	RD (unique items)
S26	6	S25/2001:2005
S27	4	S25 NOT S26 [not relevant]

14/7/1 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01240270 ORDER NO: AAD92-27891

SOME NEW RESULTS ON GRAPH COLORINGS AND CHORDAL GRAPHS (FOUR COLOR PROBLEM, CHROMATIC POLYNOMIALS)

Author: SAKALOGLU, ADONIOS

Degree: PH.D.

Year: 1992

Corporate Source/Institution: STEVENS INSTITUTE OF TECHNOLOGY (0733)

Adviser: A. SATYANARAYANA

Source: VOLUME 53/05-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2411. 80 PAGES

A proper λ -coloring of a graph G is an assignment of λ or fewer colors to the points of G such that no two adjacent points receive the same color. It is well-known that the number of proper λ -colorings of an n -point and e -edge graph G can be expressed by the chromatic polynomial $P(G; \lambda) = \sum_{i=1}^n \lim_{\lambda \rightarrow i} \text{sb}_i(G) \lambda^i$ where $\text{sb}_i(G)$ are non-negative integers.

Let $\Omega(n, e)$ be the set of all n -point and e -edge graphs and $\Omega_p(n, e)$ be the collection of planar graphs in $\Omega(n, e)$. Furthermore, let $\Omega_c(n, e)$ and $\Omega_{Pc}(n, e)$ be the connected graphs of $\Omega(n, e)$ and $\Omega_p(n, e)$ respectively. Let $b(G)$ and $c(G)$ be the number of blocks and connected components of graph G respectively. We say that a graph $G \in \Omega(n, e)$ is B -maximum (C -maximum) in $\Omega(n, e)$ if $b(G) \geq b(G') \wedge (c(G) \geq c(G'))$ for all $G' \in \Omega(n, e)$. Likewise, G is a sb_i -minimum if $\text{sb}_i(G) \leq \text{sb}_i(G')$ for all $G' \in \Omega(n, e)$. A graph is chordal if every cycle of length strictly greater than 3 possesses a chord, that is, an edge joining two nonconsecutive points of the cycle.

We prove the following results that have applications in graph coloring problems:

(i) For any graph $G \in \Omega_{Pc}(n, e)$, $P(G; \lambda) \geq \lambda^{b(G)} \lambda^{c(G)} \lambda^{(3n-e-4r)/2} \lambda^{(r-1)/2}$ for all $\lambda \geq 4$, where $r = (n + e) \bmod 2$. Moreover, the equality holds iff G is chordal and B -maximum.

(ii) If $G \in \Omega_{Pc}(n, e)$ then $P(G; \lambda) < P(G'; \lambda)$ for all $\lambda \geq k(n, e)$ iff G is either $L_1(n, e)$ or $L_2(n, e)$ while G' is not. Here $k(n, e)$ is the

smallest integer m such that $e \leq m(m+1)/2 + (n-m-2)$. A graph G in $\Omega_{\{c\}}(n,e)$ is $L_{\{1\}}(n,e)$ if one block of G contains a clique of size $n - b(G)$ while the other blocks are single edges. Graph G is $L_{\{2\}}(n,e)$ if one block of G is a clique of size $n - b(G)$, the second block is a clique of size 3 and all other blocks are single edges.

(iii) A graph G is $\mathcal{A}_{\{i\}}$ -minimum in $\Omega_{\{P\}}(n,e)$, $1 \leq i \leq n-2$, iff G is chordal and B-maximum.

(iv) A graph G is $\mathcal{A}_{\{i\}}$ -minimum in $\Omega_{\{P\}}(n,e)$, $c(n,e) \leq i \leq n-2$, iff G is C-maximum and each component of G is chordal and B-maximum. Here $c(n,e)$ is either $(n-e)$ or $(n - n_{\{1\}} + 1)$ depending on whether $e \leq 1$ or $e > 1$ respectively and $n_{\{1\}}$ is the largest integer such that $e = 3n_{\{1\}} - k$, where $k \in \{6, 7, 8\}$.

20/3,K/2 (Item 2 from file: 11)

DIALOG(R)File 11:PsycINFO(R)

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0000837495 1979-21558-001

Block playing as a therapeutic technique

AUTHOR: Resnick, Robert J.

AUTHOR AFFILIATION: Medical Coll of Virginia, Richmond

JOURNAL: Psychotherapy: Theory, Research & Practice, Vol 13(2), 170-172; Sum, 1976

PUBLISHER: Division of Psychotherapy (29), American Psychological Association--US

...ABSTRACT: having difficulty communicating. The technique involves 2 participants who sit back to back or in **adjoining** rooms. Two sets of **blocks** identical in **number**, **color**, and shape are given to the participants with the instructions that one person is to begin a construction with the **blocks**, describing to the other person exactly what he is doing. The "follower" attempts an identical...

20/3,K/7 (Item 7 from file: 11)

DIALOG(R)File 11:PsycINFO(R)

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0000947320 1989-29057-001

Sharing and the understanding of number equivalence by young children

AUTHOR: Frydman, Olivier; Bryant, Peter

AUTHOR AFFILIATION: U Oxford--England

JOURNAL: Cognitive Development--

<http://www.elsevier.com/inca/publications/store/6/2/0/1/9/2/>, Vol 3(4), 323-339, Oct, 1988

PUBLISHER: Elsevier Science--Netherlands--<http://elsevier.com>

...ABSTRACT: share discontinuous quantities using temporal, one-to-one correspondence but usually did not make any **connection** between sharing and cardinal equivalence. 4-yr-olds also did not cope well with a task in which the recipients had to be given the same total **number**, but different units had to be dealt to different recipients (single **blocks** to one S and doubles or triples to another). Most 5-yr-olds performed correctly...

...task. Ss were much better at sharing in different units with the help of relevant **color** cues, and experiences with such a task improved their performance in a later task in which the **color** cues were removed.

(PsycINFO Database Record (c) 2004 APA, all rights reserved)
IDENTIFIERS: development of ability to share sets of **blocks** equally & to
infer equivalence of cardinal value of 2 shared sets, 3.9-6.1...

20/3,K/9 (Item 9 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
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01198187 ORDER NO: AADD--94145
**THE ROLE OF CORRESPONDENCE IN THE DEVELOPMENT OF NUMBER -BASED STRATEGIES
IN YOUNG CHILDREN (SHARING, NUMERICAL DEVELOPMENT)**

Author: FRYDMAN, OLIVIER
Degree: PH.D.
Year: 1990
Corporate Source/Institution: UNIVERSITY OF OXFORD (UNITED KINGDOM) (0405)
Source: VOLUME 52/08-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 4490. 426 PAGES
...to share discontinuous quantities using temporal one-to-one
correspondence, but usually they failed to **connect** sharing and cardinal
equivalence (Experiment 1). Nor could they adjust the sharing procedure
when they had to share **blocks** in single units to one recipient and in
doubles or triples to another (Experiment 3...
...year-olds were much better at sharing in different units with the help
of relevant **colour** cues and also that experience with such a task
improved their performance in a later one when the **colour** cues were
removed. These results suggest that children understand one-to-one
correspondence, at least...
...construct common multiples of the two quantities (e.g. 3 and 2). Knowing
the total **number** of objects required to obtain equal amounts, did not
always help them to do so...
...length cue. However, in Experiment 8, we found that 5-year-olds could
use a **number** -based strategy to construct common multiples of
bidimensional quantities, and that this seemed to depend...
...also discuss the relationship between one-to-one correspondence and
counting in the development of **number** -based strategies.

20/3,K/18 (Item 18 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.
03701910 E.I. No: EIP93081062957
Title: Visual focus of attention in adaptive language acquisition
Author: Sankar, Ananth; Gorin, Allen
Corporate Source: AT&T Bell Lab, Murray Hill, NJ, USA
Conference Title: 1993 IEEE International Conference on Acoustics, Speech
and Signal Processing
Conference Location: Minneapolis, MN, USA Conference Date:
19930427-19930430
E.I. Conference No.: 18798
Source: Plenary, Special, Audio, Underwater Acoustics, VLSI, Neural
Networks Proceedings - ICASSP, IEEE International Conference on Acoustics,
Speech and Signal Processing v 1 1993. Publ by IEEE, IEEE Service Center,
Piscataway, NJ, USA. p I-621-I-624
Publication Year: 1993
CODEN: IPRODJ ISSN: 0736-7791 ISBN: 0-7803-0946-4

Language: English

Abstract: In our research on Adaptive Language Acquisition, we have been investigating **connectionist** systems that learn the mapping from a message to a meaningful machine action through interaction...

...machine action is to focus its attention, by directing its eyeball toward one of many **blocks** of different **colors** and shapes, in response to a message such as Look at the red square'. The...

...varying potential function that correlates the message and visual input. This correlation is factored through **color** and shape sensory primitive subnetworks in an information-theoretic **connectionist** network, allowing the machine to generalize between different objects having the same **color** or shape. The system runs in a conversational mode where the user can provide clarifying...

...the system responds correctly. During the course of performing its task, a vocabulary of 431 **words** was acquired from 11 users in over 1000 unconstrained natural language conversations. The average **number** of inputs for the machine to respond correctly was only 1.4 sentences, and it ...

Identifiers: Adaptive language acquisition; Natural language conversations; Language acquisition; **Connectionist** networks

20/3,K/20 (Item 20 from file: 11)

DIALOG(R)File 11:PsycINFO(R)

(c) 2005 Amer. Psychological Assn. All rts. reserv.

0001209340 1993-97846-008

Block play

AUTHOR: Resnick, Robert J.

BOOK SOURCE: Schaefer, Charles E. (Ed); Cangelosi, Donna M. (Ed); Play therapy techniques.

, 109-113 , viii, 295, 1993

PUBLISHER: Jason Aronson, Inc--Northvale--NJ--US

...ABSTRACT: the block playing technique is utilized as follows: two sets of **blocks** identical in **number** , **color** , and shape are given to the people involved / one person is to begin a construction with the **blocks** , describing to the other person exactly what he is doing / the second person is out...

...the initiator's construction / commonly, the participants sit back to back or less commonly in **adjoining** rooms / the "follower" is allowed to ask as many questions as needed and the verbal...

20/3,K/26 (Item 26 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2005 Inst for Sci Info. All rts. reserv.

05678804 Genuine Article#: WP515 No. References: 7

Title: The monochromatic block number

Author(s): Milazzo L

Corporate Source: UNIV CATANIA,DEPT MATH/I-95125 CATANIA//ITALY/

Journal: DISCRETE MATHEMATICS, 1997, V165 (MAR 15), P487-496

ISSN: 0012-365X Publication date: 19970315

Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: of a mixed hypergraph, every anti-edge has at least two vertices of the same **colour** . In this paper a new parameter is introduced: the monochromatic block **number** mb. It is the **number** of

monochromatic **blocks** in a colouring of a Steiner system. The exact value of **mb** is given for...

Research Fronts: 95-2442 001 (APPROXIMATE ALGORITHMS FOR EDGE-COLORING BIPARTITE GRAPHS; PLANAR STRONG **CONNECTIVITY** HELPS IN PARALLEL DEPTH-FIRST SEARCH; DIRECTED MOORE HYPERGRAPHS)

20/3,K/43 (Item 43 from file: 1)

DIALOG(R)File 1:ERIC

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01045840 ERIC NO.: ED432630 CLEARINGHOUSE NO.: UD033045

Family Math for Urban Students and Parents. ERIC/CUE Digest, **Number** 146.

Schwartz, Wendy;

CORP. SOURCE: ERIC Clearinghouse on Urban Education, New York, NY.

(BBB00899)

4pp.

July 1999 (19990700)

SPONSORING AGENCY: Office of Educational Research and Improvement (ED), Washington, DC. (EDD00036)

...mathematics, particularly algebra, is important for a good career. Unfortunately, though, girls and youth of color still lag behind white males in math achievement and even in enrollment in higher math...

...programs, such as the College Board's EQUITY 2000, which is focused on students of color and marketed to school districts, have a strong family involvement strand. Drawing on these and...

...on materials (called "manipulatives") that allow participants to "feel" the problem as they solve it. **Blocks**, beans, pennies, and other concrete objects help students understand what **numbers** and space mean through visualization (Stenmark et al., 1986).

Increasingly, programs are also using electronic technology. Calculators keep track of lists of **numbers** that need to be added together. Computer spread sheets organize more complex problems that include multiple categories with many **numbers** assigned to each. Interactive math software programs are especially effective tools; families can solve related... Caldwell, 1989; Curle, 1993).

TEACHER DEVELOPMENT

Two longstanding general educational goals are to increase the **number** of minority teachers and the **number** of teachers qualified to teach the math content specified in the National Council of Teachers....

20/3,K/51 (Item 51 from file: 11)

DIALOG(R)File 11:PsycINFO(R)

(c) 2005 Amer. Psychological Assn. All rts. reserv.

0001755021 2001-03188-014

The implementation of visual routines

AUTHOR: Roelfsema, Pieter R. (Email: p.roelfsema@ioi.knaw.nl); Lamme, Victor A. F.; Spekreijse, Henk

AUTHOR AFFILIATION: Graduate School of Neurosciences Amsterdam, Academic Medical Ctr, Dept of Visual System Analysis--Amsterdam--Netherlands

JOURNAL: Vision Research--

<http://www.elsevier.com/inca/publications/store/2/6/3/>, Vol 40(10-12), 1385-1411, 2000

PUBLISHER: Elsevier Science--Netherlands--<http://elsevier.com>

...ABSTRACT: by specialized processes in the visual brain. According to this hypothesis, there are a limited **number** of elemental operations

(ELOs) that, since they can be applied sequentially, may nevertheless give rise to a large **number** of visual routines. Examples of ELOs are visual search, texture segregation and contour grouping. This...

File 16:Gale Group PROMT(R) 1990-2005/Jun 03
 (c) 2005 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 47:Gale Group Magazine DB(TM) 1959-2005/Jun 03
 (c) 2005 The Gale group
 File 148:Gale Group Trade & Industry DB 1976-2005/Jun 03
 (c)2005 The Gale Group
 File 621:Gale Group New Prod.Annou.(R) 1985-2005/Jun 03
 (c) 2005 The Gale Group
 File 649:Gale Group Newswire ASAP(TM) 2005/May 26
 (c) 2005 The Gale Group
 File 88:Gale Group Business A.R.T.S. 1976-2005/Jun 06
 (c) 2005 The Gale Group
 File 141:Readers Guide 1983-2005/Dec
 (c) 2005 The HW Wilson Co
 File 436:Humanities Abs Full Text 1984-2004/Dec
 (c) 2005 The HW Wilson Co
 File 635:Business Dateline(R) 1985-2005/Jun 04
 (c) 2005 ProQuest Info&Learning
 File 636:Gale Group Newsletter DB(TM) 1987-2005/Jun 03
 (c) 2005 The Gale Group

Set	Items	Description
S1	394542	BLOCKS
S2	3928723	CONNECT? OR INTERLOCK? OR INTERCONNECT? OR INTERLINK? OR I- NTERJOIN?
S3	6095767	JOIN???? OR ATTACH? OR FASTEN? OR ADJOIN?
S4	3397391	LETTER? ? OR WORD OR WORDS OR PHRASE OR PHRASES OR INDICIA OR INDICIUM
S5	95341	RIME OR RIMES OR NOUN? ? OR PRONOUN? ? OR VERB? ? OR ADJEC- TIVE? ? OR ADVERB? ? OR PREPOSITION? ? OR PREFIX?? OR SUFFIX??
S6	8875255	NUMBER? ? OR PICTURE OR PICTURES
S7	4925704	FACE OR FACES OR FACED OR SIDE OR SIDES OR SIDED OR SURFACE OR SURFACES
S8	1507960	COLOR?? OR COLOUR??
S9	753626	UNIVERSAL??
S10	6078	S9(1W)S1 OR S2:S3(3N)S1
S11	58	S4:S5(S)S10
S12	308	S6(S)S10
S13	18	S8(S)S11:S12
S14	13	RD (unique items)
S15	13	Sort S14/ALL/PD,A
S16	9012	S1(S)S4
S17	10573287	5
S18	0	S19S)S6
S19	9316	S1(S)S4:S5
S20	25364	S1(S)S6
S21	1213	S19:S20(S)S8
S22	20	S1/TI,DE,ID AND S21
S23	20	S22 NOT S13
S24	14	RD (unique items)
S25	14	Sort S24/ALL/PD,A
S26	0	S9()S2:S3()S1

15/3,K/3 (Item 3 from file: 88)
 DIALOG(R)File 88:Gale Group Business A.R.T.S.

(c) 2005 The Gale Group. All rts. reserv.
03471472 SUPPLIER NUMBER: 16125368
The parable of the puzzle: fitting together the pieces of psychological research.

McKean, Keith Joseph

The Journal of Psychology, v128, n3, p233(10)

May, 1994

ISSN: 0022-3980 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 4951 LINE COUNT: 00391

... pic-ture . . ."

Psychologists turned in earnest to describing the images on the face of their **interlocking blocks** of pieces. Most descriptions were restrained, detailed accountings of the **colors**, lines, and forms that appeared on the blocks. But some descriptions became a bit fanciful...
...as to what their block might represent and how it might fit into the big **picture**. Fortunately, cooler heads prevailed. Based on prudence, it was agreed not to generalize one's...

...block. As one psychologist with an impressively large block admonished, "Attempting to infer the big **picture** through unsubstantiated generalization and conjecture would surely impede and confound our investigative process."

Emboldened by...

15/3,K/4 (Item 4 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2005 The Gale group. All rts. reserv.

04274840 SUPPLIER NUMBER: 17156352 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Academic challenge in high-poverty classrooms.

Knapp, Michael S.; Shields, Patrick M.; Turnbull, Brenda J.

Phi Delta Kappan, v76, n10, p770(7)

June, 1995

ISSN: 0031-7217 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 6382 LINE COUNT: 00540

... have children handle manipulative representations of mathematical ideas without ever helping the students to make **connections** between the **colored blocks** and the **numbers** or operations that they represented (often the teachers themselves did not fully understand the connections...

15/3,K/7 (Item 7 from file: 88)

DIALOG(R)File 88:Gale Group Business A.R.T.S.

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05001138 SUPPLIER NUMBER: 53590127

Lygia Clark. (Palais des Beaux-Arts, Paris, France)

Bois, Yve-Alain

Artforum, 37, 5, 116(3)

Jan, 1999

ISSN: 0004-3532 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2429 LINE COUNT: 00187

... wood in which she endeavored to give a positive role to the black interstices (empty **joints**) between the **color blocks** and to transform the frame into a pictorial element. Discovering in 1957 the isometric positive...

...in a manner other than graphically. Her next step was to execute a series of **pictures** (or rather wood reliefs) in which a square

mechanically painted in a matte black is...

15/3,K/8 (Item 8 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2005 The Gale group. All rts. reserv.
06165899 SUPPLIER NUMBER: 78487017 (USE FORMAT 7 OR 9 FOR FULL TEXT)
School's Out, but Kids' Sidelines Work Harder Than Ever. (Brief Article)
CLARK, CYNTHIA
Publishers Weekly, 246, 26, 22
June 28, 1999
DOCUMENT TYPE: Brief Article ISSN: 0000-0019 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 880 LINE COUNT: 00069
... build a pyramid-shaped wall of cubes: each player attempts to stack his or her **color blocks** so that they **connect** ; at the same time each one tries to prevent the other from doing the same...
...vary genie's answers (and his commands); each deck includes a Magic Eye and Hidden **Picture** cards as well as Stinky Stickers. (For ages seven and up.) Precampers ages three and...

25/3,K/7 (Item 7 from file: 649)
DIALOG(R)File 649:Gale Group Newswire ASAP(TM)
(c) 2005 The Gale Group. All rts. reserv.
01981630 SUPPLIER NUMBER: 16323129 (USE FORMAT 7 or 9 FOR FULL TEXT)
Review of: Alphabet Blocks .
Wallach, Naor
Newsbytes, NEW12210027
Dec 21, 1994
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1240 LINE COUNT: 00089
... Coach Jack is a Jack in the box. His specialty is teaching **letter** names. You can play at any of three levels that allow you to tailor the level of difficulty to your child's progress. Coach Jack will either play "Match **Letters** " or "Identify **Letters** " with your child. In the matching game, a different **letter** is placed on each of three large, **colored blocks** in the classroom. A **letter** will also appear on the blackboard and one is supposed to click the mouse button on that block with a **letter** that matches the **letter** on the board...

25/3,K/8 (Item 8 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.
02854293 Supplier Number: 45787199 (USE FORMAT 7 FOR FULLTEXT)
DON JOHNSTONE SPECIAL NEEDS: Blocks in Motion is a new software program based on Piagetian Principles
M2 Presswire, pN/A
Sept 14, 1995
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 606
... effect, creative thinking, figure ground discrimination, gravity, manipulation, problem solving, representational play and spatial relations.
Blocks in Motion look like **blocks** for the computer but they are

much more. Using on-screen **blocks** of many shapes and **colours**, youngsters click to put them together and "build" objects and scenes. When the objects are...
...computer art programs, which require demanding motor skills to perform a series of complex steps, **Blocks** in Motion allows a child to select a block from a toolbar. The child simply...
...a position on the activity canvas and the block drops into place. By choosing more **blocks** and placing them appropriately, youngsters create whole **pictures**. Multiple tools, **blocks** and programmable options give teachers unlimited opportunity to create activities to support their curriculum. Creative...
...images from PICTs files from other programs. Science is enhanced with concrete examples of the **pictures** and activities. "Programming" an action teaches real computer skills. **Blocks** are easy to use for counting, grouping, value and measurement. This is an open-ended...
...is no end to the possibilities.

Additional Block Kits are also available. The kits are **Letters & Numbers** Block Kit, Toys Block Kit, Castle Block Kit, Rods & Sticks Block Kit and Cool Block Kit. **Blocks** in Motion requires a Macintosh computer, System 7 or higher, 256- **color** monitor and 2.5 MB or more RAM for itself. **Blocks** in Motion costs GBP 62.00 (excluding VAT) for a single user copy and GBP...

25/3,K/10 (Item 10 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2005 The Gale group. All rts. reserv.
05362827 SUPPLIER NUMBER: 54575785 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Keeping Track--of Time and Sidelines.(products that may be marketed at bookstores include decision-making cards, T-shirts with the pictures of children's book characters, alphabet blocks, and other items)(Brief Article)
CLARK, CYNTHIA
Publishers Weekly, 246, 18, 25(1)
May 3, 1999
DOCUMENT TYPE: Brief Article ISSN: 0000-0019 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 939 LINE COUNT: 00075

... For the very little social animal, WJ Fantasy of Bridgeport, Conn., purveyors of fabulous building **blocks**, activity books, games and paper toys, as well as the most marvelous Advent calendars, offers...
...protoliterate inspired by the collections of the Victoria and Albert Museum in London. Victorian Alphabet **Blocks** sets feature six stackable paper **blocks** depicting **letters** of the alphabet and Victorian toys. Create Your Own Alphabet Artcards supply 26 black-and-white artcards illustrated with alphabet **letters** and Victorian **pictures** that can be **colored** and framed or sent as postcards; markers, magnetic frame and carrying case included. Alphabet **Color By Number** Posters provide 26 10 mini-posters featuring **letters** of the alphabet and Victorian images to **color by number**; crayons and **color** key included. A Write and Wipe Play Board in bright plastic is decorated with Victorian **letters** and images and comes with marker and eraser. For tots taking notes (or for frazzled...

File 609:Bridge World Markets 2000-2001/Oct 01

(c) 2001 Bridge

File 610:Business Wire 1999-2005/Jun 06

(c) 2005 Business Wire.

File 613:PR Newswire 1999-2005/Jun 06

(c) 2005 PR Newswire Association Inc

File 809:Bridge World Markets News 1989-1999/Dec 31

(c) 1999 Bridge

File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30

(c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	60543	BLOCKS
S2	828857	CONNECT? OR INTERLOCK? OR INTERCONNECT? OR INTERLINK? OR I- NTERJOIN?
S3	1503244	JOIN???? OR ATTACH? OR FASTEN? OR ADJOIN?
S4	596095	LETTER? ? OR WORD OR WORDS OR PHRASE OR PHRASES OR INDICIA OR INDICIUM
S5	9474	RIME OR RIMES OR NOUN? ? OR PRONOUN? ? OR VERB? ? OR ADJEC- TIVE? ? OR ADVERB? ? OR PREPOSITION? ? OR PREFIX?? OR SUFFIX??
S6	2166153	NUMBER? ? OR PICTURE OR PICTURES
S7	843621	FACE OR FACES OR FACED OR SIDE OR SIDES OR SIDED OR SURFACE

OR SURFACES

S8	165630	COLOR?? OR COLOUR??
S9	669	S1(3N)S2:S3
S10	0	S9(S)S4:S6(S)S8
S11	57	S1(S)S4:S6(S)S8
S12	55	RD (unique items)
S13	31	S12/2001:2005
S14	24	S12 NOT S13
S15	24	Sort S14/ALL/PD,A
S16	835574	READ??? OR SPELL??? OR GRAMMAR OR PHONICS
S17	17	S9(S)S16
S18	17	S17 NOT S11
S19	17	RD (unique items)
S20	6	S19/2001:2005
S21	11	S19 NOT S20
S22	11	Sort S21/ALL/PD,A [not relevant]

15/7/19 (Item 19 from file: 813)

DIALOG(R)File 813:PR Newswire

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0762153 NYHFNS40

**THE WONDERFUL WOODEN BLOCKS OF YEARS PAST ARE BACK; NOW THEY TEACH
LANGUAGES, GEOGRAPHY, DESIGN . . . AT ONCE**

DATE: November 15, 1994 07:04 EST WORD COUNT: 452

EDEN PRAIRIE, Minn., Nov. 15 /PRNewswire/ -- Sturdy wooden **blocks**
for play of all sorts in years past are back. The new version can help
your child learn a language, **colors**, **numbers**, and geometry, their
makers say. How can that be?

Many design changes since Dorothy and Donald Caba set out to make
wooden blocks like Don's mother had from the turn of the century, Global
Blocks have become a colorful toy of many virtues. The manufacturers
suggested retail price is \$34.95. They can be found in stores or call

800-766-1669, ext. 4993.

There are 30 hardwood **blocks** in each set. Sets are available in Spanish, French and German. They have multi- **colored pictures** on two sides. Each has an English **word** and its equivalent in the other language. Each set includes **colors**, **numbers**, geometric shapes, and the alphabet of the foreign language, says Don.

"This is a manipulative toy with which your child can make geometric designs. And the blocks make a puzzle map of the world, showing the oceans and continents," says Mrs. Caba.

"We believe exposure to foreign language at an early age can be a really important factor in a child's early development," Mrs. Caba says.

Don, who has worked in the international software market for 14 years, says development of the Global Blocks company began two years ago when they decided to develop educational products that expose children to different languages.

The Caba's quickly found that a small product line does not make it easy to penetrate large accounts or to attract the attention of manufacturers representatives. They also have developed a series of "Flip-It Books" which help youngsters learn the numbers and colors in French, Spanish, and English. The books help develop dexterity by flipping the top half and bottom half of the pages to match oversized numbers with bright colored pictures.

The couple has corrected manufacturing snafus and established a nationwide network of toy store accounts. Their products are in Learning World, Learningsmith, Noodle Kidoodle and hundreds of independent toy stores, major school supply catalogs and museum stores.

"Our philosophy is to produce products that are designed to be fun for the children and still expand their exposure to other languages and learning activities," Dorothy says.

The Global Blocks (\$34.95) and the Flip-It Books (\$4.95) can be found in stores and catalogs, or call the company at 800-766-1669, ext. 4993.

NOTE TO EDITORS: Due to computer restrictions, the asterisk in "Flip-It Books" has been replaced with a hyphen.

Also, photos, and product are available. The Cabas are available for interview. Call contact listed below

CONTACT: Donald W. Caba, Global Blocks, 612-941-6994, or 800-766-1669, ext. 4993

15/3,K/2 (Item 2 from file: 813)

DIALOG(R) File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

1224901

NYM038

95th Annual American International Toy Fair(R) Kicks Off

DATE: February 9, 1998

12:00 EST

WORD COUNT: 3,290

... learning, with the LeapFrog Express(TM), a fun interactive locomotive with whimsical animal characters and **numbers** that really talk (LeapFrog/Booth 760). Rainbow **Blocks** are 14 smooth hardwood **blocks** that feature transparent windows of colorful plexiglass in red, green, yellow and blue that teach recognition of **color** and geometric shapes (Guidecraft USA/136). Unruly kids at your table? Improve behavior and keep...

15/3,K/3 (Item 3 from file: 813)

DIALOG(R) File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.
1330602 LAW027

Knowledge Adventure Ships JumpStart Preschool All-New '99 Version

DATE: August 26, 1998 09:01 EDT WORD COUNT: 934

... children through 10 skill-building activities loaded with beautiful animation, captivating music and positive reinforcement:

Colors , Shapes and Sizes -- Kids help Kisha put her **blocks** away by matching their shapes and **colors** with the correct bins.

1-2-3s -- Youngsters show Eleanor how to connect the dots by completing the **number** sequence and watching the hidden **picture** spring to life.

Counting -- Mother Bird needs help! Kids match the **number** of worms to the **number** of baby birds in each nest.

Phonics -- Children listen carefully to the **words** of the Phonics Quartet as they sing for clues.

Similarities and Differences -- Kids play ball with Casey and friends as they sort the balls by **color** by catching them in a wagon.

ABCs -- Youngsters find the **letters** hidden in Kisha's painting to reveal their location and complete the masterpiece.

Matching -- Children...

15/3,K/5 (Item 5 from file: 809)

DIALOG(R)File 809:Bridge World Markets News

(c) 1999 Bridge. All rts. reserv.

6038402 19440

HI-TECH: TOYS HAVE MORE SOPHISTICATED COMPUTER-AGE FEATURES

DATE: March 18, 1999 13:04 E.T. WORD COUNT: 748

Bridge World Markets News_1989-1999/Dec 31

...Teach Big Bird, a Sesame Street character with hands that recognize a set of special **blocks** . Handing a block to Big Bird prompts him to play games involving shapes, **colors** , **numbers** and **letters** . The Bird is due in September...

15/3,K/6 (Item 6 from file: 610)

DIALOG(R)File 610:Business Wire

(c) 2005 Business Wire. All rts. reserv.

00131955 19991103307B0156 (USE FORMAT 7 FOR FULLTEXT)

Neurosmith's Music Blocks Awarded 1999 Top Toy Honors; The Year's Most Coveted Smart Toy, Music Blocks, Assured No. 1 Toy Spot This Holiday Season

Business Wire

Wednesday, November 3, 1999 09:17 EST

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 539

...musical combos."

-- Child magazine -- The Best Toys of the Year

About Music Blocks

With Music **Blocks** , children can successfully compose music by using one of their favorite toys -- **blocks** . Symbols on the sides of the **blocks** represent different instruments such as woodwinds, trumpets and voices; the **colors** represent two-measure **phrases** of melody. Music **Blocks** comes with a "Mozart's Night Music" cartridge, and children can also experiment with other...

Serial 10/724965

June 6, 2005

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200535

(c) 2005 Thomson Derwent

File 349:PCT FULLTEXT 1979-2005/UB=20050602,UT=20050526

(c) 2005 WIPO/Univentio

File 348:EUROPEAN PATENTS 1978-2005/May W04

(c) 2005 European Patent Office

Set	Items	Description
S1	41	AU='GOLDMAN D' OR AU='GOLDMAN D K' OR AU='GOLDMAN DENNIS'
S2	2326	AU='WATANABE M'
S3	6	AU='WOLDENBERG R' OR AU='WOLDENBERG R M' OR AU='WOLDENBERG RICHARD'
S4	1483001	BLOCK? ?
S5	237	S1:S3 AND S4
S6	1	S1 AND S2 AND S3
S7	46040	IC=G09B?
S8	19	(S1:S3 AND S7) NOT S6
S9	9	S4 AND S8

6/7/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

016531568 **Image available**

WPI Acc No: 2004-690134/200467

Reading teaching and learning method for pre-emergent and emergent readers, involves reading selected reading indicia in primer, and locating blocks having selected reading indicia

Patent Assignee: GOLDMAN D K (GOLD-I); WATANABE M (WATA-I); WOLDENBERG R (WOLD-I)

Inventor: GOLDMAN D K ; WATANABE M ; WOLDENBERG R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040197749	A1	20041007	US 2000675073	A	20000928	200467 B
			US 2003724965	A	20031201	

Priority Applications (No Type Date): US 2003724965 A 20031201; US 2000675073 A 20000928

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040197749	A1	30	G09B-001/16	CIP of application US 2000675073 CIP of patent US 6685477

Abstract (Basic): US 20040197749 A1

NOVELTY - The method involves reading selected reading indicia in primer, and locating blocks having the selected reading indicia. The blocks are connected to form the selected intelligible reading unit.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a reading teaching and learning apparatus.

USE - For teaching pre-emergent and emergent readers alphabet and phoneme awareness, recognition of spelling patterns and initial consonant sounds, word building, and sentence construction.

ADVANTAGE - Facilitates teaching pre-emergent and emergent readers how to read and about grammar.

DESCRIPTION OF DRAWING(S) - The figure shows the isometric view of the reading teaching and learning apparatus.

Tray (1)

Channel walls (3a-3c)

Slot (5)

pp; 30 DwgNo 1/20
Derwent Class: P85
International Patent Class (Main): G09B-001/16

9/7/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.
014574445 **Image available**
WPI Acc No: 2002-395149/200243

Reading skills teaching and learning for pre emergent and emergent readers, involves selecting at least two blocks from group of blocks , and reading indicia on faces of selected blocks

Patent Assignee: DAIGGER & CO DIV ETA/CUISENAIRE (DAIG-N); DAIGGER & CO INC A (DAIG-N); ETA/CUISENAIRE DIV DAIGGER & CO A (ETAC-N)

Inventor: GOLDMAN D K ; WATANABE M

Number of Countries: 003 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2357617	A1	20020328	CA 2357617	A	20010921	200243 B
GB 2369480	A	20020529	GB 200123476	A	20010928	200243
US 6685477	B1	20040203	US 2000675073	A	20000928	200413

Priority Applications (No Type Date): US 2000675073 A 20000928

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2357617	A1	E	58	G09B-017/00	
GB 2369480	A			G09B-001/36	
US 6685477	B1			G09B-001/16	

Abstract (Basic): CA 2357617 A1

NOVELTY - The method involves selecting at least two **blocks** from a group of **blocks** . At least two faces of the **block** contain certain indicia. The user reads the indicia on the selected **blocks** , and determines whether the combined indicia form an intelligible reading unit. The **blocks** are connected together, hence completing the reading unit.

DETAILED DESCRIPTION - If the indicia on the **blocks** do not make sense, two or more **blocks** are added or removed to or from the selected **block** group, until as such that the indicia form an intelligible reading unit. INDEPENDENT CLAIMS are included for the following:

(a) an apparatus for teaching and learning reading.

USE - For teaching and learning reading skills, as well as spelling and grammar/usage to pre emergent and emergent readers.

ADVANTAGE - Provides students or readers with hands on experiences as they explore alphabetic code system of english language. Effectively instructs students in alphabet and phonemic awareness. Helps students in examining sounds of words in logical progression, such as analyzing and synthesizing syllables, isolating phonemes at beginning, middle, and end of words, blending segmenting and manipulating phonemes within word. Enables letter identification, alphabetical order, and matching sounds to symbols. Enables student to learn difference between vowels and consonants and matching letter sounds to pictures, as well as building shorter and longer words and sentences. Adapts to different languages e.g. greek, latin, japanese, chinese. Examines concepts of e.g. compound subjects and compound objects, compound predicates, compound verbs, coordinating conjunctions, comma usage, subordinating conjunctions, nouns, pronouns, verbs, adverbs, past and present tense.

DESCRIPTION OF DRAWING(S) - The figure shows the isometric view of
a **blocks** and slot arrangement for removably receiving an activity
flip book on a tray.

pp; 58 DwgNo 1/11

Derwent Class: P85

International Patent Class (Main): G09B-001/16 ; G09B-001/36 ;
G09B-017/00

9/3,AB/9 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2005 European Patent Office. All rts. reserv.

00758379

**Assembly including interlocking components for teaching mathematical
concepts**

Bausatz mit verbindbaren Elementen zum Lehren mathematischer Grundlagen

**Jeu de pieces comprenant des elements interconnectables pour l'enseignement
des concepts mathematiques**

PATENT ASSIGNEE:

Learning Resources, Inc., (2058000), 675 Heathrow Drive, Lincolnshire, IL
60069, (US), (Proprietor designated states: all)

INVENTOR:

Woldenberg, Richard , 176 Hastings, Highland Park, IL 600035, (US)

Hoffman, Lisa, 102 North Maple Street, Mount Prospect, IL 60056, (US)

LEGAL REPRESENTATIVE:

Skone James, Robert Edmund (50281), GILL JENNINGS & EVERY Broadgate House
7 Eldon Street, London EC2M 7LH, (GB)

PATENT (CC, No, Kind, Date): EP 713203 A1 960522 (Basic)

EP 713203 B1 990825

APPLICATION (CC, No, Date): EP 95307929 951107;

PRIORITY (CC, No, Date): US 340599 941116

DESIGNATED STATES: DE; ES; FR; GB; SE

INTERNATIONAL PATENT CLASS: G09B-019/02

CITED PATENTS (EP B): BR 8502207 A; DE 1954660 U; DE 7730826 U; DE 9003865
U; FR 2410319 A; GB 1372163 A; US 1649578 A; US 2611193 A; US 3094792 A;
US 3171217 A

ABSTRACT EP 713203 A1

An assembly for teaching mathematical concepts includes a plurality of
interlocking components (10), each having at least one connecting end so
that the components can be combined in any order or length. Each
component (10) is assigned a mathematical value according to its
length, and this value may be indicated by indicia on its face or by
color coding. A base (16) is also provided for retaining the columns of
components (10) in vertical formations. Means are provided on the
platform of the base for engaging the bottom component in each column.
(see image in original document)

ABSTRACT WORD COUNT: 114

NOTE:

Figure number on first page: 1

Serial 10/724965

June 6, 2005

File 1:ERIC 1966-2004/Jul 21
(c) format only 2004 The Dialog Corporation

File 121:Brit.Education Index 1976-2004/Q3

(c) 2005 British Education Index

File 437:Education Abstracts 1983-2005/May

(c) 2005 The HW Wilson Co

File 11:PsycINFO(R) 1887-2005/May W5

(c) 2005 Amer. Psychological Assn.

Set	Items	Description
S1	182	AU=(GOLDMAN D? OR GOLDMAN, D?)
S2	112	AU=(WATANABE M? OR WATANABE, M?)
S3	0	AU=(WOLDENBERG R? OR WOLDENBERG, R?)
S4	4312	READ??? AND BLOCK? ?
S5	0	S1:S2 AND S4
S6	34272	BLOCK? ?
S7	11	S1:S2 AND S6
S8	11	RD (unique items) [not relevant]

File 16:Gale Group PROMT(R) 1990-2005/Jun 03

(c) 2005 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989

(c) 1999 The Gale Group

File 621:Gale Group New Prod.Annou.(R) 1985-2005/Jun 03

(c) 2005 The Gale Group

File 635:Business Dateline(R) 1985-2005/Jun 04

(c) 2005 ProQuest Info&Learning

Set	Items	Description
S1	11	(DENNIS OR DENNY) (1W)GOLDMAN
S2	5	MARY(1W)WATANABE
S3	6	(DICK OR RICK OR RICH OR RICHARD) (1W)WOLDENBERG
S4	21	S1:S3
S5	16	RD (unique items)
S6	16	Sort S5/ALL/PD,A
S7	424117	BLOCK? ?
S8	6	S4 AND S7
S9	4	RD (unique items)

6/3,K/5 (Item 5 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

06381064 Supplier Number: 54772834 (USE FORMAT 7 FOR FULLTEXT)

Kill'em with kindness.(toy industry)

Annicelli, Cliff

Playthings, v97, n5, p36(2)

May, 1999

Language: English Record Type: Fulltext Abstract

Document Type: Magazine/Journal; Trade

Word Count: 1236

... gave a lot of thought to [creating software] for a number of years," according to **Rick Woldenberg**, president.

The specialty toy company has created CD-ROM versions of four of its educational...

6/3,K/8 (Item 8 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

07099015 Supplier Number: 60002870 (USE FORMAT 7 FOR FULLTEXT)
**wwwrrr Forms Strategic Alliance with ETA to Co-Develop Interactive Online
Products for Students.**

Business Wire, p1616

March 6, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 658

... bring our flagship Versatiles(R) product to students, teachers and parents via the Internet," said **Dennis Goldman**, president of ETA. "This partnership will give our products a whole new representation with students...

6/3,K/10 (Item 10 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

07224209 Supplier Number: 61543274 (USE FORMAT 7 FOR FULLTEXT)

ETA Acquires Cuisenaire, Sells Dealer Biz to Learning Resources.(Brief Article)

Educational Marketer, v31, n12, pNA

April 17, 2000

Language: English Record Type: Fulltext

Article Type: Brief Article

Document Type: Newsletter; Trade

Word Count: 376

... Cuisenaire, we're the leading supplier of manipulatives, especially math manipulatives, in the market," said **Dennis Goldman**, ETA president.

Cuisenaire, a White Plains, NY, company founded in 1958, was owned by Pearson...

...Pretend & Play Calculator Cash Register, are sold in stores, through catalogs and on the Web.

Richard Woldenberg, president of Learning Resources, noted that the deal increases the company's product line immediately...

6/3,K/13 (Item 13 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2005 The Gale Group. All rts. reserv.

03250010 Supplier Number: 90832418 (USE FORMAT 7 FOR FULLTEXT)

Great 'Homework Helpers' Enhance Learning Through Play.

PR Newswire, pNYFNSQ2415082002

August 15, 2002

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 643

... much fun with our games and activity sets, they forget they are actually learning," said **Rick Woldenberg**, President/CEO of Learning Resources. "Whether your child is struggling with reading, math, science or...

6/3,K/14 (Item 14 from file: 635)

DIALOG(R)File 635:Business Dateline(R)

(c) 2005 ProQuest Info&Learning. All rts. reserv.

2356982 270408241

Vernon Hills, Ill., Toy Maker Works at Frenetic Holiday Pace

Aduroja, Grace

Knight Ridder Tribune Business News p1

Dec 21, 2002

WORD COUNT: 773

DATELINE: Vernon Hills Illinois

TEXT:

...of the competitive \$23 billion industry pie.

"We're trying to be something different," said **Rick Woldenberg**, president and chief executive of Learning Resources.

Bucking trends and industry fads, the 120-employee...

...have to pay a visit to Kris Kringle. Photo for the Tribune by Julie Kremen

Rick Woldenberg, president and CEO of Learning Resources in Vernon Hills, sits among some of his company...

6/3,K/15 (Item 15 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2005 The Gale Group. All rts. reserv.

03368644 Supplier Number: 97549875 (USE FORMAT 7 FOR FULLTEXT)

M-Gears Receives Stamp of Approval; Grenada Honors Learning Resources with a Postal Tribute at Toy Fair.

Business Wire, p2080

Feb 13, 2003

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 586

... M-Gears(TM) line is an example of how we make science concepts fun," says **Rick Woldenberg**, President/CEO of Learning Resources. "We are thrilled to be selected by Grenada. Stamps are...

9/3,K/1 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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11597507 Supplier Number: 123856650 (USE FORMAT 7 FOR FULLTEXT)

Building boom: today's building options run the gamut from toddler-friendly magnetic connectors to build'em and run'em R/C vehicles.(Construction)

Kellachan, Laurie

Playthings, v102, n9, p50(10)

Oct, 2004

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 2694

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...and dad's Tinker Toys. More challenging construction sets are taking concepts learned by building **blocks** and stacking toys and raising the bar with components that make the end result as...

... speaking builders) with the heart of the market at about age 10, says company president **Richard Woldenberg**. The new Safari Express motorized set utilizes the gear platform with plastic gears, connectors and

...RC Dozer, RC Forklift and RC Monorail that also incorporate the fundamental Rokenbok beams and **blocks**. Norris says the sophistication of

the sets also attracts adult hobbyists.

"Rokenbok building sets are...

...gain a foothold in the construction marketplace. The traditional wooden toy maker offers new Fantasy **Blocks** and Wonder Dice assortment of foam/fabric **blocks** for infants and a wooden Extra Large Starter Set with pillar and X-shaped pieces...

9/3,K/3 (Item 3 from file: 16)

DIALOG(R) File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

07224209 Supplier Number: 61543274 (USE FORMAT 7 FOR FULLTEXT)

ETA Acquires Cuisenaire, Sells Dealer Biz to Learning Resources.(Brief Article)

Educational Marketer, v31, n12, pNA

April 17, 2000

Language: English Record Type: Fulltext

Article Type: Brief Article

Document Type: Newsletter; Trade

Word Count: 376

... under the ETA/Cuisenaire name. ETA brands in U.S. schools include VersaTiles, Algeblocks, Factor **Blocks**, ManipuLite products and Reading Rods. Cuisenaire is best known for its Cuisenaire Rods; other brands...

...Cuisenaire, we're the leading supplier of manipulatives, especially math manipulatives, in the market," said **Dennis Goldman**, ETA president.

Cuisenaire, a White Plains, NY, company founded in 1958, was owned by Pearson...

...Pretend & Play Calculator Cash Register, are sold in stores, through catalogs and on the Web.

Richard Woldenberg, president of Learning Resources, noted that the deal increases the company's product line immediately...

9/3,K/4 (Item 4 from file: 16)

DIALOG(R) File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

07099015 Supplier Number: 60002870 (USE FORMAT 7 FOR FULLTEXT)

wwwrrr Forms Strategic Alliance with ETA to Co-Develop Interactive Online Products for Students.

Business Wire, p1616

March 6, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 658

... bring our flagship Versatiles(R) product to students, teachers and parents via the Internet," said **Dennis Goldman**, president of ETA. "This partnership will give our products a whole new representation with students

...in mind. ETA's line of products include: ManipuLite(R); VersaTiles(R); Algeblocks(R); Factor **Blocks** (R) and Fraction Tower(R) Cubes; Cells: The Building Blobs of Life; and the Daily...